

SP110

Skype Phone Adapter

User Manual



Version 1.0.10

Default Login Detail

WAN IP Address: DHCP
LAN IP Address: <http://10.0.0.1>
Password: 1234

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Introduce

This document describes the usage of SP110 (Skype Phone Adapter)

1.1 Overview

- **Enjoy Skype Calls from your telephone**
The SP110 Skype Phone Adapter lets you make calls from your Skype account by telephone, includes Skype to Skype calls, Skype to Mobile and landline calls.
- **No PC required**
The SP110 Skype Phone adapter lets you make and receive Skype calls at any time, without having your computer on.
- **Speed Dial List**
The SP110 Skype Phone adapter can store up to 100 speed dials of Skype contacts.
- **Life line support**
The SP110 supports Lifeline, allows users to use PSTN phone service and Skype service at the same time. Users can make emergency calls, or have mobile and landline calls by PSTN line.

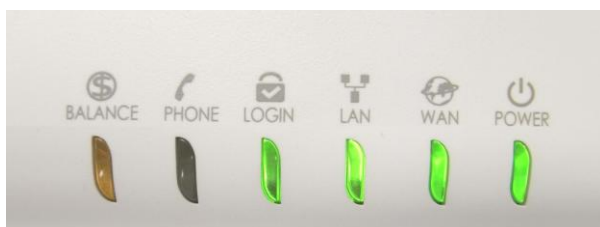
1.2 Introduction

This Skype Phone Adapter (SP110) provides let you make call via your Skype account to save the call fee.

Model	WAN Port	LAN Port	FXS Port	Line Port	RJ-11 port
<i>SP110</i>	1	1	1	1	2

1.3 Front Panel LED Indicators & Rear Panels

SP110



LED	Status	Description
Power	On	SP110 is power on
	Off	SP110 is power off
LAN	On / Flashing	Ethernet cable was connected
	Off	Ethernet not connected to PC
WAN	On / Flashing	Ethernet cable was connected
	Off	Waiting for network connection
Login	On	Login Skype account successfully.
	Off	Login Skype account fail
FXS(Phone)	Off	Telephone Set is On-Hook
	Flashing	Ring Indication
	On	Telephone Set is Off-Hook
Balance	On (Orange)	Skype credit is 0.

1.4 Specification

Speed Dial List
Allows users to define the speed-dial of their most contacted Skype contacts by assigning each a unique short cut key with which to initiate a call. To start a call just dial * before the speed dial number.
Skype Feature
Voice Codec: Skype codec
Skype call first mode and Landline call first mode for selection
Phone Feature
Volume Adjustment
Country Tone Configuration
IP Specifications:
WAN: PPPoE client, DHCP client, Fix IP Address
NAT Functions
Configuration and Management
Web-Based Graphical UI Configuration
HTTP Firmware Upgrade
General Specification
AC power: AC100V-240V, DC12V/0.5A, 50/60 Hz
Temperature: 0°C ~ 40°C (Operation)
Humidity: up to 90% non-condensing
Emission: FCC Part 15 Class B, CE Mark, RoHS Compliant
Dimension : 98 x 85 x 30 mm
Weight: 110 g

Installation and Setup

2.1 Package Content

Please check enclosed product and its accessories before installation. These contents are from pre-released product. The contents for the final product might change a little bit.

SP110 Package



(SP110)



(RJ45 cable)



(RJ11 telephone line)



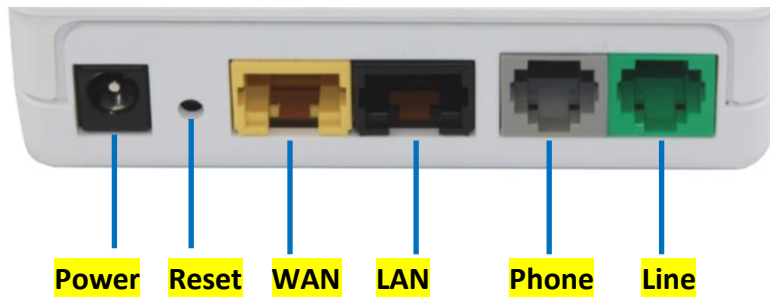
(Power adapter)

The SP110 packet contents:

SP110	X1
RJ-45 cable line	X1
RJ-11 telephone line	X1
AC Power Adapter (0.5A)	X1
Quick Guide	X1

2.2 Hardware Installation

Port Description:



Item	Port	Description
1	FXS(Foreign Exchange Station)	FXS port can be connected to analog telephone sets
2	Line	Connect to CO line with RJ-11(Gray) analog line.
3	WAN(Wide Area Network)	Connect to the network with an Ethernet cable. This port allows your ATA to be connected to an Internet Access device, e.g. router, cable modem, ADSL modem, through a networking cable with RJ-45 connectors used on 10BaseT and 100BaseTX networks.
4	LAN(Local Area Network)	Connect to PC with Ethernet cable. 1 port allows your PC or Switch/Hub to be connected to the ATA through a networking cable with RJ-45 connectors used on 10BaseT and 100BaseTX networks.
5	RES(Reset button)	Push this button until 5 seconds and ATA will be set to factory default configuration.
6	AC power(DC in 12V)	A power supply cable is inserted

Installation:

1 Connect the 12V DC IN to the power outlet with power adaptor.

2 Connect FXO to PSTN.

3 Connect FXS to a telephone jack with the RJ-11 analog cable.

Connecting to a PC:

1 Connect the Ethernet cable (with RJ-45 connector) to any LAN port.

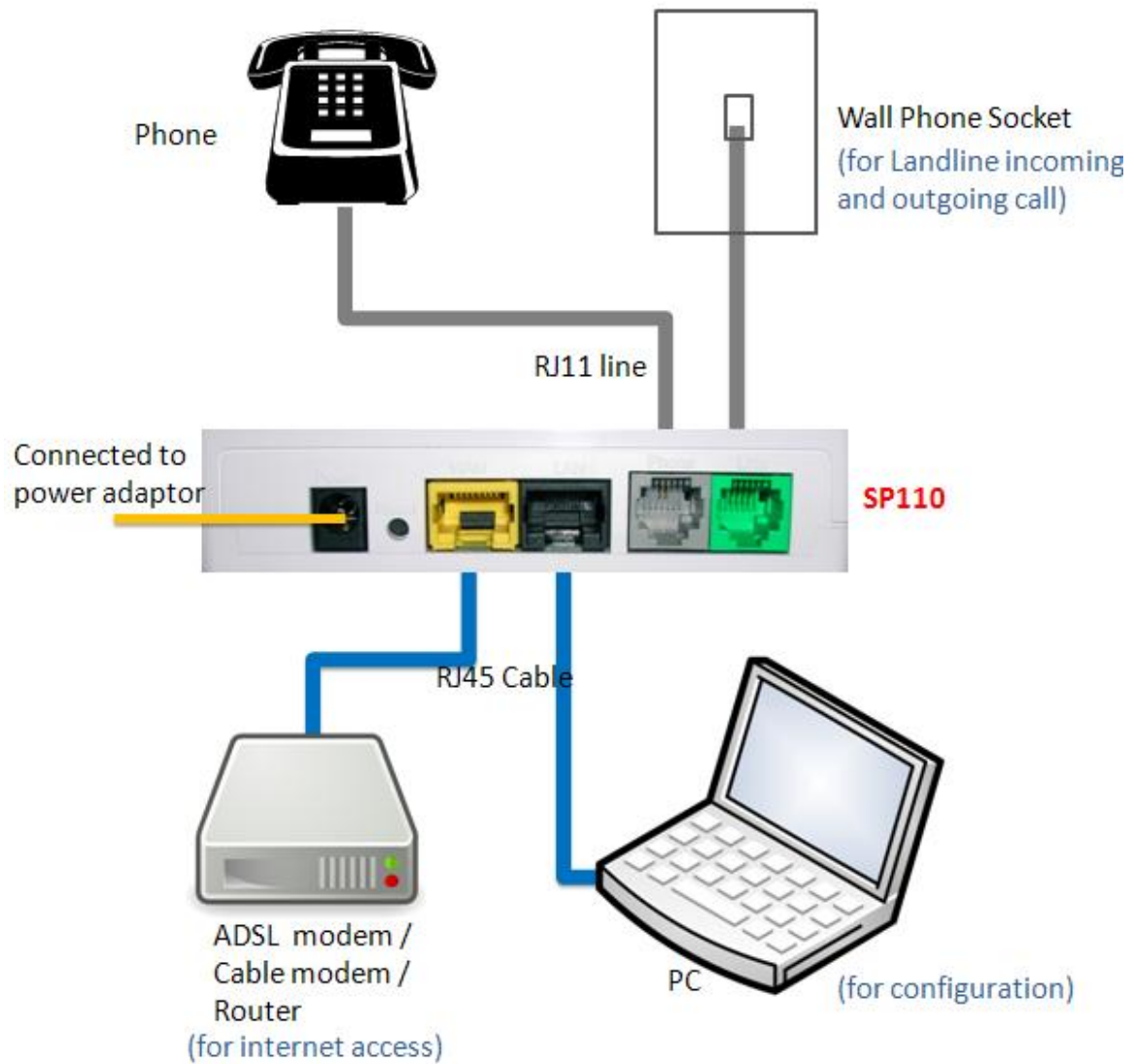
2 Connect the other end of the Ethernet cable to your PC's installed network interface card (NIC).

Connecting to an External Ethernet Hub or Switch:

1 Connect the Ethernet cable (with RJ-45 connector) to WAN port.

2. Connect the other end of the Ethernet cable to DSL/Cable modem or the external

Ethernet hub or switch.



2.3 Quick Start

How to set your network environment?

SP110 default network environment:

For WAN:

Wan type: DHCP client

For LAN:

IP: 10.0.0.1

Subnet mask: 255.255.255.0

How to configure SP110?

1. Configure your PC or NB to the same subnet with SP110.
2. Use web browser (IE/Firefox) link to url: <http://10.0.0.1>
3. Select language: English or Chinese
4. Login password: 1234
5. Use this web configuration interface to configure all system functionality; firstly you should change the WAN network environment to yours.
6. Key in your Skype account and password to log in your Skype account
7. If you only call land line number and mobile number, you can make call after login your Skype account successfully.
(Please make sure you have Skype credit already.)
8. If you would like to call other Skype account, you need to setup the speed dial list.

Network Setting (WAN)

3.1 System Status

The page included Skype account and log in status, also the firmware version and WAN ip information.

Account:	skype_adapter
Status:	Login Success
Status	
Model Name:	SP110
Firmware Version:	0.10
WAN Information	
WAN Type:	DHCP
IP Address:	10.10.10.74
IP Subnet Mask:	255.255.255.0
Default Gateway:	10.10.10.1

3.2 WAN Interface

WAN Setting is used to connect to your ISP (Internet Service Provider). The WAN settings are provided to you by your ISP and often times referred to as "public settings". Please select the appropriate option for your specific ISP.

SP110 support three methods for Internet access:

- Static IP
- DHCP
- PPPoE

Static IP

If you are a leased line user with a fixed IP address, enter the IP address, subnet mask, gateway address and DNS (domain name server) address(es) provided by your ISP. Each IP address entered in the fields must be in the appropriate IP form, which are four IP octets separated by a dot (x.x.x.x). Example: 168.95.1.1

WAN Setup

WAN Type	Static IP ▼
IP Address:	10.10.10.74
Subnet Mask:	255.255.255.0
Default Gateway:	10.10.10.1
DNS 1:	10.10.10.1
DNS 2:	0.0.0.0

Reset Apply

- IP Address: Check with your ISP provider.
- Subnet Mask: Check with your ISP provider.
- Default Gateway: Check with your ISP provider.

DHCP client

Dynamic Host Configuration Protocol (DHCP), Dynamic IP (Get WAN IP Address automatically). If you are connected to the Internet through a Cable modem line, then a dynamic IP will be assigned.

Note: WAN port gets the IP Address, Subnet Mask and default gateway IP address automatically, if DHCP client is successful.

WAN Setup

WAN Type	DHCP Client ▼
<input checked="" type="radio"/> Obtain DNS Automatically <input type="radio"/> Set DNS Manually	
DNS 1:	10.10.10.1
DNS 2:	0.0.0.0

Reset Apply

PPPoE

Point-to-Point Protocol over Ethernet (PPPoE). Some ISPs provide DSL-based services and use PPPoE to establish communication link with end-users. If you are connected to the Internet through a DSL line, please check with your ISP to see if they use PPPoE.

WAN Setup

WAN Type: PPPoE ▼

User Name:

Password:

☒ Obtain DNS Automatically
☐ Set DNS Manually

DNS 1:

DNS 2:

- PPPoE User name: Enter username provided by your ISP.
- PPPoE Password: Enter password provided by your ISP.

Skype Account Setting

4.1 Skype Account Setting

When you set up the SP110, first time you'll start with Wizard pages. After that, when you log in the SP110 again, you'll see the basic setting. You can change the Skype account and call mode (Skype First Mode or Landline First mode) here.

■Skype First: Always make calls by your Skype account. User can call out by Landline by dialing # before destination number.

Dial Skype speed dial number *0 to *99 to call the Skype account.

■Landline First (default): Always make calls by Landline. User can call out by Skype account by dialing * before destination number.

Dial Skype speed dial number *0 to *99 to call the Skype account. (About the speed dial setting, please refer to step 6)

4.2 Speed Dial Setting

Support 100 lists. Key in Position, Skype Account and Note, then, click the Add button.

You can click the "Skype Contact List" to select the Skype account directly.

The default setting is with *99 speed dial key for prompt of Skype Sound Test Service.

Ex. Key in Position: 0, Account: abc123, Note: test, click Add button, you'll see the result

of phone book as below. Dial *0 to call abc123 account.

Speed Dial Setup

Phone Book Page: page 1 ▼

Number	Account	Note	Delete Select
*0	abc123	test	<input type="checkbox"/>
*1			<input type="checkbox"/>
*2			<input type="checkbox"/>
*3			<input type="checkbox"/>
*4			<input type="checkbox"/>
*5			<input type="checkbox"/>
*6			<input type="checkbox"/>
*7			<input type="checkbox"/>
*8			<input type="checkbox"/>
*9			<input type="checkbox"/>

Delete SelectedDelete AllUnselect

Advance Setting

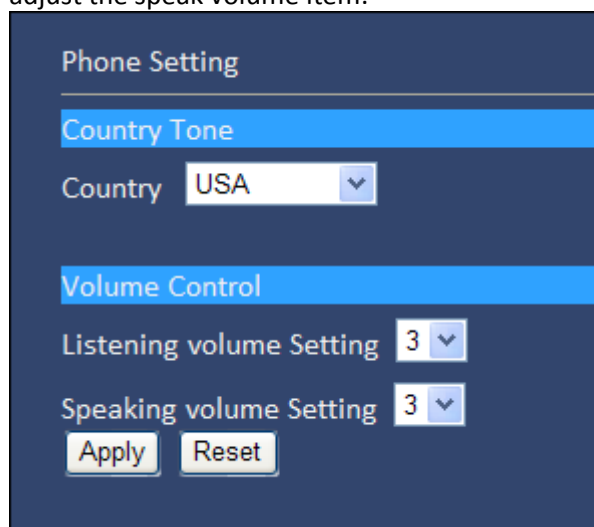
5.1 Phone Setting

Country Tone Setting: adjust the tone frequency by country. Select a country from the pull-down menu. Included USA, Switzerland, Australia, Czech, Poland, Norway, Chile, Taiwan, Argentina, Russia, Denmark, Spain...

Volume control supports two types:

Listening volume setting: from 1 to 5, when you feel the voice is soft or loud, you can adjust the listening volume item.

Speaking volume setting: from 1 to 5, when the receiver fell your voice is soft or loud, you can adjust the speak volume item.



5.2 Landline Dial Plan List (for Skype First Mode only)

SP110 Support 10 landline dial plan list.

When you select the call mode as Skype first, you would like to dial out the landline number or mobile number by Line port of SP110, you need to dial # before the number, if you don't want to dial # before the number, you can setup the landline dial plan list.

You can setup the emergency number or toll free number here.

For example, you can key in Index: 1, Phone number: 119, Note: emergency call, and click add button, you'll see the screen as below. Then, you can dial 119 without dialing # in advance, the call will out call by Line port of SP110.

Landline Dial Plan List

Index	Phone Number	Note	Delete Select
1	119	emergency	<input type="checkbox"/>
2			<input type="checkbox"/>
3			<input type="checkbox"/>
4			<input type="checkbox"/>
5			<input type="checkbox"/>
6			<input type="checkbox"/>
7			<input type="checkbox"/>
8			<input type="checkbox"/>
9			<input type="checkbox"/>
10			<input type="checkbox"/>

Delete Selected
Unselect

Add New Phone

Index: (1~10)
Phone Number:
Note:
Add Reset

5.3 LAN Setting

IP settings of the LAN (Local Area Network) interface for the device. The LAN IP address is private to your internal network and cannot be seen on the Internet. You can change the LAN IP address if needed. The default IP address is 10.0.0.1 with a subnet mask of 255.255.255.0.

LAN Settings

You could configure the LAN settings in this page.

IP Address
 10.0.0.1

Net Mask
 255.255.255.0

MAC Address
 00:00:00:00:00:00

DHCP Server
 Enable

IP Pool Start
 10.0.0.10

IP Pool End
 10.0.0.100

MAX Leases
 10

Reset
Apply

5.4 Update System

This page allows you upgrade the SP110 firmware to new version. Please note, do not power off the device during the upload because it may cause the system crash.

Update System

You can update the system here. Please select the new firmware, then, click the Apply button, the system will update after firmware upgrade completely.

瀏覽...

Apply

5.5 Set to Default

This function allows SP110 return to factory default:

WAN as DHCP

LAN ip is 10.0.0.1

Password is 1234

Set To Default

Click Reset button to clear all configuration information you entered and return to factory defaults. The device will reboot after click the Reset button.

Set To Default:

Reset

5.6 System Authority

The default password is 1234. Here you can change the password here.

System Authority

You could change the login password in this page

System User PWD

Confirm Password

●●●●

Reset

Apply

5.7 Save and Reboot

Click the “Reboot” button, the device will save the current configuration and reboot.

Save and Reboot

Please click Reboot button to save the configuration, meanwhile, the device will reboot.

Reboot

Q & A?

Q: Why I use web browser link to <http://10.0.0.1>, but the log in page of SP110 can't display?

A: Please make sure the hardware installation is correct, please check the status of internet connection, please go to [Start]→[Control Panel]→[Network Connection]→[Local Area Connection], check if the status is connected, if not, please click the right key of mouse and click the "Repair." Then, try to log in the WEB UI again.

Q: Why can't I log in the Skype account successfully?

A: Please make sure you key in correct Skype user name and password.

Q: Why can't I call the landline number and mobile number by Skype Account?

A: Please check the Balance led, if orange lights, means your Skype credit run out, please buy the Skype credit. Or you can log in WEB UI to check the "Balance" item under the Skype Account Setting.

Application

